



DOCKET NO: I0168-7075.19 *DPW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frederick Wilkins, et al.  
Serial No: 10/712,674  
Confirmation No: 9082  
Filed: November 13, 2003  
For: WATER TREATMENT SYSTEM AND METHOD

Examiner: Not yet assigned  
Art Unit: 1723

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 6 day of May, 2005.

  
Jeanne W. Chub

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

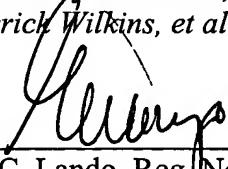
Transmitted herewith are the following documents:

Information Disclosure Statement, Form PTO-1449 and Cited References  
 Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/0214. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Frederick Wilkins, et al., Applicants*

By: 

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Date: May 6, 2005



DOCKET NO: I0168-7075.19

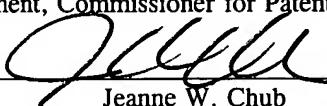
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Jeanne W. Chub

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant brings to the attention of the examiner the following co-pending applications:

<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Inventors</b>
10/856,264	05/27/04	Water Treatment System and Process	Wilkins et al.
10/845,782	05/13/04	Electrodeionization Device and Methods...	Arba et al.
10/278,714	10/23/02	Production of Water for Injection Using...	Wood et al.
10/272,356	10/15/02	Apparatus for Fluid Purification...	Liang et al.

The Applicant encloses a copy of an International Search Report and a copy of Written Opinion of the International Search Authority in a corresponding international application, International Application No. PCT/US2004/037706.

**PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited**

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

DE 3238280 appears to be directed to a process for desalting solutions. An English Abstract is provided.

DE 4016000 appears to be directed to ion exchange apparatus for treating liquid, especially for metal recovery, with exchanger regeneration by electro-dialysis. An English language abstract is provided.

JP 2005007347 is directed to electrodialysis-type water-purification apparatus. An English language abstract is provided.

JP 2005007348 is directed to an apparatus for electric deionization of water manufactured by less assembling steps. An English language abstract is provided.

**PART IV: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

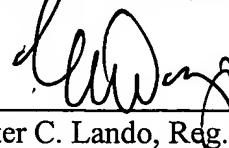
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

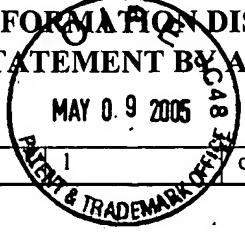
An early and favorable action is hereby requested.

Respectfully submitted,  
*Frederick Wilkins, et al.*, Applicants

By: 

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Docket No. I0168-7075.19  
Date: May 6 2005

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>MAY 09 2005</b> 		APPLICATION NO.: 10/712,674	ATTY. DOCKET NO.: I0168-7075.19
		FILING DATE: November 13, 2003	CONFIRMATION NO.: 9082
		APPLICANT: Frederick Wilkins, et al.	
		GROUP ART UNIT: 1723	EXAMINER: Not yet assigned
Sheet 1 of 2			

### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
*	US H1206 H			Thibodeax et al.	07/06/1993
*	US2002/092769	A1		Garcia Benny et al.	07/18/2002
*	US2003/098266	A1		Shiue Lih-Ren et al.	05/29/2003
*	US2003/155243	A1		Sferrazza Alois	08/21/2003
*	US2003/080467	A1		Andrews et al.	05/01/2003
*	US2003/089609	A1		Liang Li-Shiang et al.	05/15/2003
*	US2004/0079700	A1		Liang et al.	11/30/2004
*	3,630,378	A		William C. Bauman	12/28/1971
*	4,655,909	A		Furuno et al.	04/07/1987
*	5,558,753	A		Gallagher et al.	09/24/1996
*	5,788,826			Nyberg	08/04/1998
*	6,056,878	A		Tessier et al.	05/02/2000
*	6,187,162	B1		Mir Leon	02/13/2001
*	6,274,019	B1		Kuwata Masahiro	08/14/2001
*	6,296,751	B1		Mir Leon	10/02/2001
*	6,824,662	B2		Liang et al.	11/30/2004
*	6,649,037	B2		Liang et al.	11/18/2003

### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	DE	3238280	A1			04/19/1984	Abstract Only
	DE	4016000	A1			11/21/1991	Abstract Only
	EP	0170895	A2			02/12/1986	
	EP	0803474	A2			10/29/1997	
	EP	1068901	A2			01/17/2001	
	EP	1172145	A2			01/16/2002	
	EP	1222954	A1			07/17/2002	
	EP	1506941	A1			02/16/2005	
	JP	2005007347				01/13/2005	Abstract Only
	JP	2005007348				01/13/2005	Abstract Only
	WO	98/17590				04/30/1998	
	WO	02/04357	A1			01/17/2002	

### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Yoran Oren et al., "Studies on Polarity Reversal with Continuous Deionization," <i>Desalination</i> , Elsevier Scientific Publishing Co., Amsterdam, NL, vol. 86, no. 2, June 1, 1992, pp. 155-171.	

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/712,674	ATTY. DOCKET NO.: I0168-7075.19
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>MAY 09 2005</i>		FILING DATE: November 13, 2003	CONFIRMATION NO.:9082
		APPLICANT: Frederick Wilkins, et al.	
Sheet	2	GROUP ART UNIT: 1723	EXAMINER: Not yet assigned

	Wood, J.H. et al., "Continuous Electrodeionisation: Module Design Considerations for the Production of High Purity Water," <i>Proc. Of IEX at the Millenium</i> , July 16, 2000, pp. 44-51.	
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EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as the reference is a published U.S. Patent or U.S. Patent application and the present application was filed after June 30, 2003.